**Cell Project**

Purpose: The purpose of this project is to make a 3D model of a cell in order to better understand the parts and workings of a cell.

Using household items make a three-dimensional model of a plant or animal cell that meets the criteria listed below. (Sample items: cereal, balloons, gummi worms, mints, fruit slices, dried fruit, matches, gum balls, rope licorice, jelly beans, sesame seeds, other candies, toothpicks. Craft packages also may work: clay, beads, pipecleaners..etc)

Choose what type of cell you will build, a typical plant or animal cell. Include this label somewhere on your model.

Create a KEY or label in some way each part on your model and its function.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Cell Project Rubric** | | | | |
| Category | Scoring Criteria | Excellent (3 pts) | Satisfactory  (2 pts) | Needs Work (1 pt) |
| Craftsmanship | Model cell is creative and shows effort |  |  |  |
| The model is 3 dimensional |  |  |  |
| Model stays together, is not too messy or cumbersome to move around |  |  |  |
| Cell Parts | Type of cell and student name are found on both the key and the model |  |  |  |
| Key, legend, or labeling easy to use to identify the parts on your model |  |  |  |
| Accurate description of the function of each cell part is provided (X2) |  |  |  |
| Appropriate material is used (item looks like the cell part) |  |  |  |
| Shape corresponds to the type of cell: plant or animal |  |  |  |
| Written word | Grammar, spelling |  |  |  |
| Score | Total Points (out of 30) | | | |

  
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